



County of San Diego
Planning & Development Services
BUILDING DIVISION

ACCESSIBILITY CORRECTION LIST

Multifamily Housing

4A

Pedestrian Ramps

PLAN CHECK #:

OWNER ON APPLICATION:

GENERAL REQUIREMENTS

1. An accessible route with running slope exceeding 1:20 (5% gradient) requires an accessible pedestrian ramp.

Exception: Curb ramps per accessibility correction list 3A
CBC 1111A.2

WIDTH

2. Provide complete dimensions and coordinated detailing for each pedestrian ramp.

CBC 1114A and CBC 1122A

3. Dimension minimum 48-inch clear width at pedestrian ramps with no protrusion by handrails, curbs, or guide rails.

Exception: Minimum 60-inch clear width required at ramps serving as only exit discharge path for occupant load of 300 or greater

Exception: Minimum 36-inch clear width allowed at ramps serving covered multifamily dwellings with occupant load of 10 or fewer

CBC 1114A.1 and 1122A.1

SLOPES

4. Specify running slope for each pedestrian ramp run.

CBC 1114A.2 and CBC 1122A.2

5. Specify and dimension the following to verify slope(s) indicated per item 4 do not exceed 1:12 (8.3% gradient) for each pedestrian ramp run:

- ☐ Elevations at top and bottom ramp landings
- ☐ Length of ramp run

Exception: Alternate slopes allowed at ramps serving dwelling unit decks, patios, or balconies per accessibility correction list 15A

CBC 1114A.2 and CBC 1122A.2

6. Specify maximum 1:48 cross slope (2.1% gradient) for each pedestrian ramp run and landing.

CBC 1114A.2.1 and CBC 1122A.2.1

SURFACE MATERIAL

7. Specify continuous common surface material complying with the following for each pedestrian ramp run and landing:

- ☐ Surface with slope less than 6% gradient shall have slip resistance equivalent to medium salted finish
- ☐ Surface with slope 6% gradient or greater shall be slip-resistant

CBC 1113A.1.2

8. Specify means of preventing accumulation of water on exterior pedestrian ramp runs, approaches, and landings.

CBC 1114A.3

LANDING DIMENSIONS AND CONFIGURATION

9. Dimension level top landing complying with the following per CBC Figure 11A-6C(a), CBC Figure 11A-6C(b), or CBC Figure 11A-6D(a):

- ☐ Minimum 60-inch length
- ☐ Minimum 60-inch width

CBC 1114A.4.2 and CBC 1122A.3.2

10. Dimension level bottom landing complying with the following per CBC Figure 11A-6C(a), CBC Figure 11A-6C(b), or CBC Figure 11A-6D(a):

- ☐ Minimum 72-inch length
- ☐ Width equivalent to ramp width

CBC 1114A.4 and CBC 1122A.3

11. Provide intermediate landing(s) if elevations specified per item 5 indicate vertical rise of any pedestrian ramp run exceeds 30 inches.

CBC 1114A.4.1 and CBC 1122A.3.1

12. Provide intermediate landing at any changes of direction on pedestrian ramps.

CBC 1114A.4.1 and CBC 1122A.3.1

13. Where intermediate landings(s) are required per item 11 or 12, dimension landings complying with the following per CBC Figure 11A-6C(a), CBC Figure 11A-6C(b), or CBC Figure 11A-6D(a):

- ☐ Minimum 72-inch length with change of direction exceeding 30 degrees
- ☐ Minimum 60-inch length for other intermediate landings
- ☐ Minimum 60-inch width with any change of direction if ramp serving as means of egress
- ☐ Width equivalent to ramp width for other intermediate landings
- ☐ Intermediate landings placed at intervals such that no ramp run exceeds 30-inch vertical rise

CBC 1010.6.4, CBC 1114A.4, and CBC 1122A.3

14. Dimension door/gate swings complying with the following per CBC Figure 11A-6D(b):

- ☐ Doors/gates in any position shall not reduce the minimum landing dimension to less than 42 inches
- ☐ Doors/gates in fully open position shall not reduce the required landing width by more than 3 inches when fully open

CBC 1114A.4.4 and CBC 1122A.3.4

15. Dimension pedestrian ramp landings complying with the following at doors and gates per CBC Figure 11A-6D(b):

- ☐ Landing extending 24 inches past strike edge of doors or gates at exterior pedestrian ramps
- ☐ Landing extending 18 inches past strike edge of doors or gates at interior pedestrian ramps

CBC 1114A.4.5 and CBC 1122A.3.5

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PROVIDE COMPLETE DETAILS, DIMENSIONS, AND NOTES TO SATISFY CORRECTION ITEMS.**

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EDGE PROTECTION

16. At pedestrian ramp runs not bounded by a wall or fence and exceeding 10 feet in length, detail one of the following per CBC Figure 11A-5A(b) or CBC Figure 11A-5A(c):
- ☐ Guide curb minimum 2-inches in height above ramp surface
 - ☐ Wheel guide rail centered minimum 2-inches and maximum 4-inches above ramp surface

CBC 1114A.7 and CBC 1122A.6

17. At pedestrian ramp landings not bounded by a wall or fence and with an adjacent vertical drop exceeding 4 inches, detail one of the following:

- ☐ Guide curb minimum 2-inches in height above ramp surface
- ☐ Wheel guide rail centered minimum 2-inches and maximum 4-inches above ramp surface

CBC 1114A.7 and CBC 1122A.6

18. At pedestrian ramp runs or landings with an adjacent vertical drop exceeding 30 inches, detail continuous guard minimum 42-inches high with openings not allowing passage of 4-inch-diameter sphere.

Exception: Openings not allowing passage of 4 3/8-inch-diameter sphere allowed in portions of guard 36 inches to 42 inches high

CBC 1013.2, CBC 1013.3, CBC 1114A.5, and CBC 1122A.4

19. At pedestrian ramp runs or landings serving as means of egress, detail additional edge protection per one of the following:

- ☐ Minimum 4-inch-high curb
- ☐ Rail or barrier preventing passage of 4-inch-diameter sphere where any portion of sphere within 4 inches of ramp surface
- ☐ Ramp/landing surface extending minimum 12 inches beyond inside face of complying handrail

Exception: Edge protection not required on sides of ramp landings serving adjoining ramp run or stairway

Exception: Edge protection not required on sides of ramp landings with adjacent vertical drop-off not exceeding 1/2 inch with 10 inches horizontally

CBC 1010.9

HANDRAILS AND EXTENSIONS

20. Provide continuous handrail on each side of each pedestrian ramp.

Exception: Handrail acceptable on only one side of ramp serving an individual dwelling unit provided ramp open on any side includes handrail on that side

Exception: Handrails not required at pedestrian ramps with less than 6-inch rise or 72-inch length serving exterior door landings

CBC 1114A.6.1 and CBC 1122A.5.1

21. Dimension top of handrail gripping surface at minimum 34 inches and maximum 38 inches above pedestrian ramp surface per CBC Figure 11A-5A(b) and CBC Figure 11A-5A(c).

CBC 1114A.6.2.1 and CBC 1122A.5.2.1

22. Detail extensions for each handrail complying with the following per CBC Figure 11A-5A(b):

- ☐ Extending minimum 12 inches horizontally beyond the top and bottom of each pedestrian ramp run
- ☐ Extending in direction of each ramp run
- ☐ Ends returning smoothly to floor, wall, or post

CBC 1012.6, CBC 1114A.6.2.3, and CBC 1122A.5.2.3

23. Detail handrail gripping surfaces complying with the following per CBC Figure 11A-6B(a):

- ☐ Minimum 1 1/4 inches and maximum 2 inches in cross-sectional dimension or shape providing equivalent gripping surface
- ☐ Smooth with no sharp corners
- ☐ Edges with minimum 1/8-inch radius
- ☐ No handrail rotation within fittings

CBC 1114A.6.2.5 and CBC 1122A.5.2.5

24. For handrails projecting from walls, detail 1 1/2-inch (absolute) space between wall and handrail per CBC Figure 11B-6B(a).

CBC 1114A.6.2.4 and CBC 1122A.5.2.4

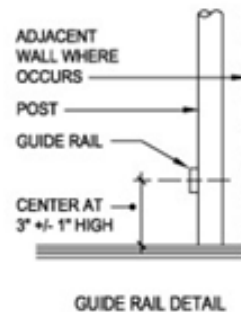
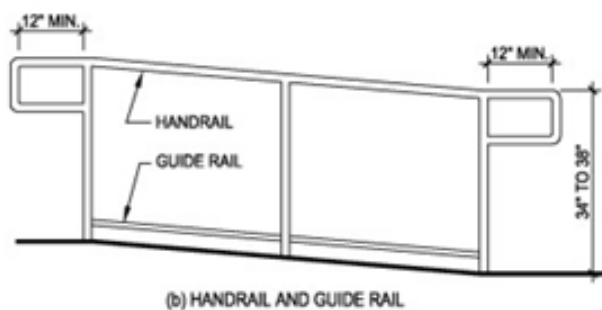
25. For handrails located in recesses, detail recess complying with the following per CBC Figure 11A-6B(b):

- ☐ Maximum 3-inches deep
- ☐ Extending minimum 18 inches above top of handrail

CBC 1114A.6.2.4 and CBC 1122A.5.2.4

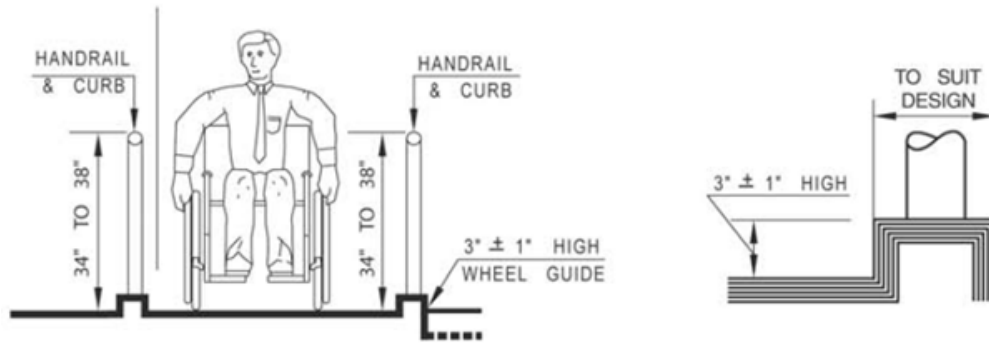
26. Specify surface material of any walls or other surface adjacent to handrails shall be free of sharp or abrasive elements

CBC 1114A.6.2.4 and CBC 1122A.5.2.4

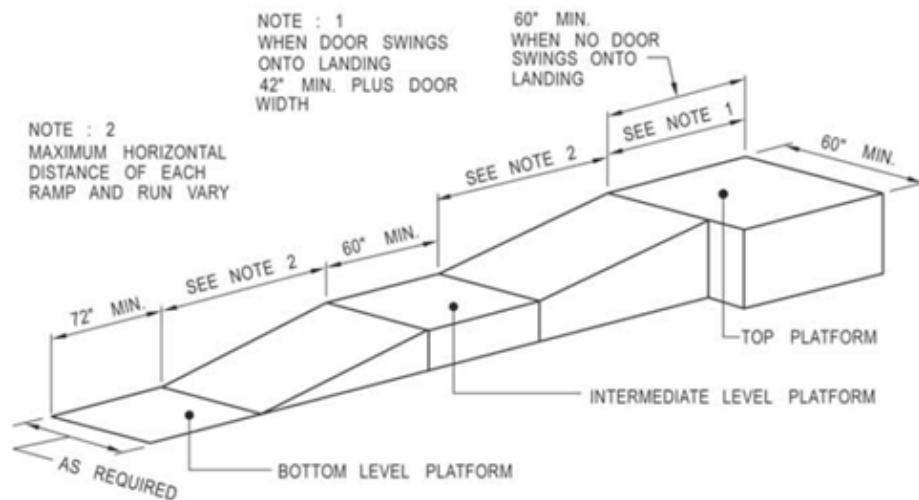
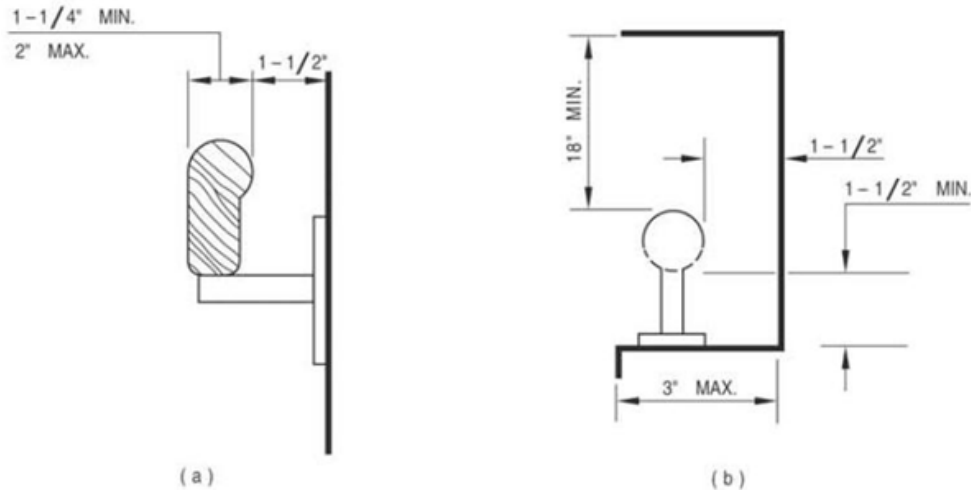


CBC FIGURE 11A-5A(b) – PEDESTRIAN RAMP HANDRAIL, EXTENSION, AND GUIDE RAIL

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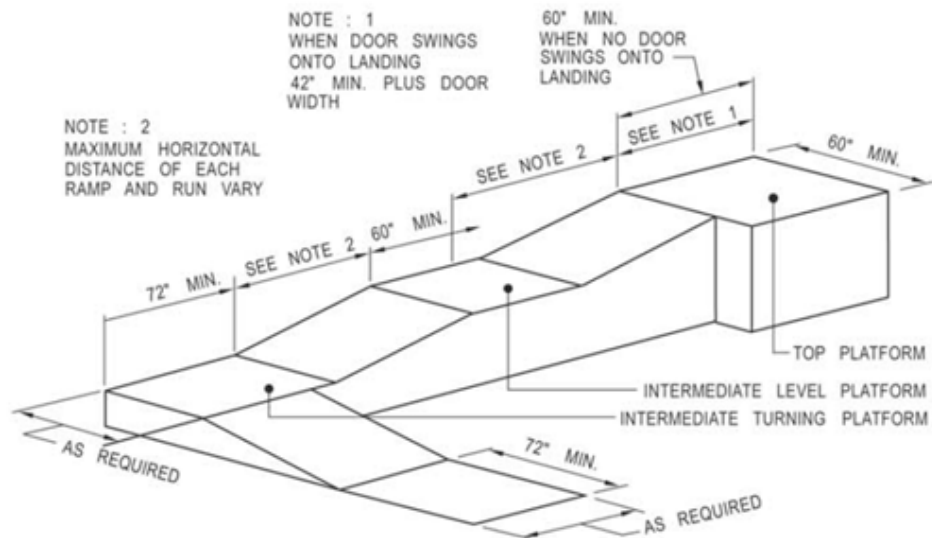


CBC FIGURE 11A-5(c) – PEDESTRIAN RAMP HANDRAIL AND GUIDE CURB

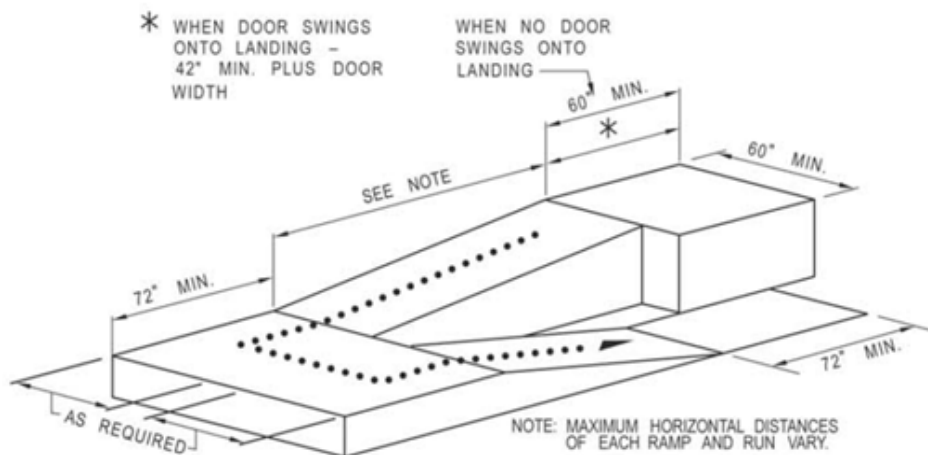


CBC FIGURE 11A-6C(a) – STRAIGHT-RUN PEDESTRIAN RAMP

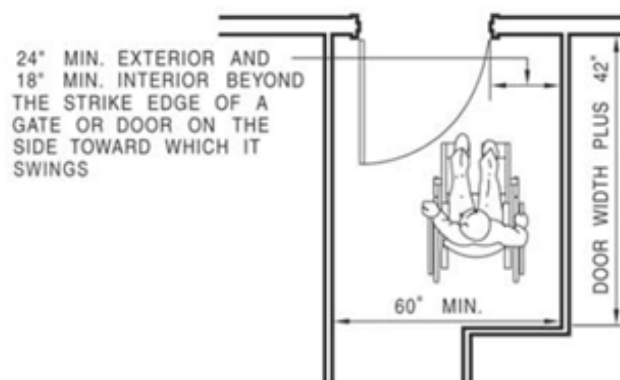
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CBC FIGURE 11A-6C(b) – DOGLEG PEDESTRIAN RAMP



CBC FIGURE 11A-6D(a) – SWITCHBACK PEDESTRIAN RAMP



CBC FIGURE 11A-6D(b) – PEDESTRIAN RAMP LANDING AT DOOR

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